

A resume as wide as middle east



NEW PIPE | Five-layer pipes and fittings

Ati Looleh Sepahan Company, one of the subsidiaries of has been developing five-layer PERT/AL/PERT and PEX_b / AL / PEX_b pipes under the brand name of 'NEW PIPE', both qualified for different applications as heating and cooling systems in terms of standards. The latter ones with a five-layer structure and the use of PEX polymer boosted with aluminum can withstand a temperature of 90°C in a pressure of 10 bars.

The company now has 37 production lines with an annual capacity of 120 million meters in the sizes of 16 to 63 mm. Meanwhile, the brass fittings of these pipes are also being produced in Isfahan Chalak Company under the brand name of with a variety of more than 500 types of fittings.

■ Technical specifications

Size (m)	16	20	25	32	40	50	63
Dimensions (inner & outer)	12-16	16-20	20-25	26-32	32-40	41-50	51-63
Weight per meter (gr./m)	105	145	200	310	490	730	1220
Pipe water load (litr./m)	0.113	0.201	0.314	0.498	0.804	1.320	2.042
Min. pipe thickness	1.65	1.90	2.25	2.90	3.40	4.00	4.60
Roughness Index (m)				0.007			
Thermal conductivity coefficient (W/m ² K)				0.40			
Linear expansion coefficient (m/mK)				25x10 ⁻⁶			
Operating temperature (long time)				80 °c			
Operating temperature (short time)				100 °c			
Operating temperature for liquids				- 40			
Pressure tolerance in 50 years (constantly) (bars)				10			
Pipe usage class				5			

■ Advantages

- Production in accordance with international standard ASTM F1281.
Up to 90 °c heat toleration.
- Low coefficient of linear expansion (as metals).
- Resistant to chemicals (acids, bases,...).
- No oxygen penetration into the pipes and thereby, destruction prevention in central heating systems.
- Excellent pressure resistance due to the aluminum layer and the continuous ultrasonic welding.
- Insignificant pressure drop due to the very low roughness coefficient (inside the pipe).
- No sediments, decays, rusts and water color & smell change.
Flexibility.
- Easy & fast installation.

■ Usages

- Sanitary hot and cold water piping systems.
- Cooling, heating and air conditioning systems.
- Under-floor heating systems.
- Water transfer in risers.
- Sanitary industries, medical, industrial installations.



PEX-Al-PEX Pipe

Code	Size (mm)	Package type (m)
91216	16	Roll - (200)
91620	20	Roll - (150)
92025	25	Roll - (100)
92632	32	Roll - (60)
93241	40	Roll - (50)
93240	40	Tube - (5)
94150	50	Tube - (5)
95163	63	Tube - (5)



PERT-Al-PERT Pipe

Code	Size (mm)	Package type (m)
96016	16	Roll - (200)
96020	20	Roll - (150)
96025	25	Roll - (100)
96032	32	Roll - (60)



Coupling FT Union

Code	Size	Pieces	Big Box	Small Box
50108	16 x 1/2 "	25	-	100
50110	20 x 1/2 "	25	-	100
50112	20 x 3/4 "	20	-	80
50114	25 x 3/4 "	15	-	60
50118	32 x 1 "	6	-	24



Coupling MT Union

Code	Size	Pieces	Big Box	Small Box
50208	16 x 1/2 "	30	-	120
50210	20 x 1/2 "	20	-	80
50211	25 x 1/2 "	20	-	80
50212	25 x 3/4 "	14	-	56
50215	20 x 3/4 "	20	-	80
50218	32 x 1 "	8	-	32
50220	25 x 1 "	10	-	40

Coupling Union

Code	Size	Pieces	Big Box	Small Box
50850	16 x 1/2 "	25	-	100
50852	20 x 1/2 "	20	-	80
50854	20x 3/4 "	20	-	80
50856	25x 3/4 "	14	-	56
50858	25x1 "	10	-	40
50860	32x1 "	8	-	32



Coupling Union

Code	Size	Pieces	Big Box	Small Box
60110	16 x 16 "	28	-	112
60112	20 x 20 "	20	-	80
60114	25 x 25 "	8	-	32
60116	32 x 32 "	8	-	32



Coupling Reducer Union

Code	Size	Pieces	Big Box	Small Box
60210	20 x 16 "	20	-	80
60212	25 x 16 "	16	-	64
60214	25 x 20 "	12	-	48
60218	32 x 25 "	8	-	32



Coupling 90° Elbow

Code	Size	Pieces	Big Box	Small Box
60410	16 x 16 "	24	-	96
60412	20 x 20 "	14	-	56
60414	25 x 25 "	8	-	32
60416	32 x 32 "	5	-	20



Coupling MT 90° Elbow

Code	Size	Pieces	Big Box	Small Box
60510	16 x 1/2 "	24	-	96
60512	20 x 1/2 "	20	-	80
60514	20 x 3/4 "	12	-	48
60518	25 x 3/4 "	10	-	40
60520	25 x 1 "	8	-	32
60522	32 x 1 "	6	-	24





Coupling FT Elbow

Code	Size	Pieces	Big Box	Small Box
60610	16 x 1/2 "	24	-	96
60612	20 x 1/2 "	16	-	64
60614	20 x 3/4 "	12	-	48
60618	25 x 3/4 "	8	-	32
60620	25 x 1 "	8	-	32
60621	32 x 3/4 "	6	-	24
60622	32 x 1 "	4	-	16



Coupling Tee

Code	Size	Pieces	Big Box	Small Box
60710	16 x 16 x 16	12	-	48
60712	20 x 20 x 20	10	-	40
60714	25 x 25 x 25	4	-	16
60716	32 x 32 x 32	4	-	16



Coupling Reducer Tee

Code	Size	Pieces	Big Box	Small Box
60740	16 x 20 x 16	10	-	40
60742	20 x 16 x 16	10	-	40
60744	20 x 16 x 20	10	-	40
60746	20 x 20 x 16	10	-	40
60749	25 x 16 x 20	6	-	24
60750	25 x 16 x 25	4	-	16
60752	25 x 20 x 20	4	-	16
60754	25 x 20 x 25	4	-	16
60758	32 x 16 x 32	4	-	16
60760	32 x 20 x 32	4	-	16
60762	32 x 25 x 25	4	-	16



Coupling MT Tee (Built-in Faucet)

Code	Size	Pieces	Big Box	Small Box
60810	16 x 16 x 1/2 "	12	-	48

Coupling FT Tee

Code	Size	Pieces	Big Box	Small Box
60860	16 x 1/2 " x 16	12	-	48
60862	20 x 1/2 " x 20	10	-	40
60868	25 x 3/4 " x 25	6	-	24
60874	32 x 1 " x 32	4	-	16



Coupling FT Elbow (Plate Type)

Code	Size	Pieces	Big Box	Small Box
60910	16 x 1/2 "	10	-	40
60914	20 x 1/2 "	10	-	40



Coupling MT Elbow (Plate Type)

Code	Size	Pieces	Big Box	Small Box
61010	16 x 3/4 "	10	-	40



Coupling FT Tee (Plate Type)

Code	Size	Pieces	Big Box	Small Box
61310	16 x 1/2 " x 16	10	-	40
61314	20 x 1/2 " x 20	6	-	24



Coupling FT Tee 90 (Wall Type)

Code	Size	Pieces	Big Box	Small Box
61510	16 x 1/2 " x 16	8	-	32
61514	20 x 1/2 " x 20	8	-	32



Coupling FT Reducer Tee 90 (Wall Type)

Code	Size	Pieces	Big Box	Small Box
61512	16 x 1/2 " x 20	8	-	32
61516	20 x 1/2 " x 16	8	-	32



Coupling FT Elbow (Wall Type)



Code	Size	Pieces	Big Box	Small Box
61610	16 x 1/2 "	15	-	60
61614	20 x 1/2 "	10	-	40
61618	25 x 3/4 "	8	-	32
61622	32 x 1 "	4	-	16

Coupling FT Tee (Wall Type)



Code	Size	Pieces	Big Box	Small Box
61710	16 x 1/2 " x 16	10	-	40
61714	20 x 1/2 " x 20	8	-	32

Parallel Coupling FT Tee (Wall Type)



Code	Size	Pieces	Big Box	Small Box
61810	16 x 1/2 " x 16	8	-	32

Press Union



Code	Size	Pieces	Big Box	Small Box
20110	16 x 16	30	240	-
20112	20 x 20	20	160	-
20114	25 x 25	8	64	-
20116	32 x 32	8	64	-
20118	40 x 40	3	-	12
20120	50 x 50	2	8	-
20122	63 x 63	1	5	-

Press Reducer Union



Code	Size	Pieces	Big Box	Small Box
20210	20 x 16	24	192	-
20212	25 x 16	16	128	-
20214	25 x 20	12	96	-
20216	32 x 20	12	96	-
20218	32 x 25	8	64	-
20222	40 x 25	3	-	12
20224	40 x 32	3	-	12
20226	50 x 32	2	8	-
20228	50 x 40	2	8	-
20232	63 x 40	1	5	-
20234	63 x 50	1	5	-

Press 90° Elbow

Code	Size	Pieces	Big Box	Small Box
20510	16 x 16	24	192	-
20512	20 x 20	14	112	-
20514	25 x 25	8	64	-
20516	32 x 32	4	32	-
20518	40 x 40	1	6	-
20520	50 x 50	1	4	-
20522	63 x 63	1	2	-



Press Tee

Code	Size	Pieces	Big Box	Small Box
20710	16 x 16 x 16	16	128	-
20712	20 x 20 x 20	10	80	-
20714	25 x 25 x 25	4	32	-
20716	32 x 32 x 32	4	32	-
20718	40 x 40 x 40	1	6	-
20720	50 x 50 x 50	1	4	-
20722	63 x 63 x 63	1	2	-



Press MT Tee (Built-in Faucet)

Code	Size	Pieces	Big Box	Small Box
20810	16 x 16 x 1/2"	12	-	48



Press FT Elbow (Plate Type)

Code	Size	Pieces	Big Box	Small Box
20910	16 x 1/2 "	14	112	-
20914	20 x 1/2 "	10	80	-



Press MT Elbow (Plate Type)

Code	Size	Pieces	Big Box	Small Box
21010	16 x 3/4 "	10	80	-
21014	20 x 3/4 "	6	48	-



Press Reducer Tee



Code	Size	Pieces	Big Box	Small Box
20740	16 x 20 x 16	12	96	-
20742	20 x 16 x 16	12	96	-
20744	20 x 16 x 20	10	80	-
20746	20 x 20 x 16	10	80	-
20748	25 x 16 x 16	8	64	-
20749	25 x 16 x 20	6	48	-
20750	25 x 16 x 25	6	48	-
20752	25 x 20 x 20	6	48	-
20754	25 x 20x 25	6	48	-
20757	32 x 16 x 25	6	48	-
20758	32 x 16 x 32	4	32	-
20760	32 x 20 x 32	4	32	-
20762	32 x 25 x 25	4	32	-
20764	32 x 25 x 32	4	32	-
20765	32 x 20 x 25	4	32	-
20766	32 x 25 x 20	4	32	-
20770	40 x 20 x 40	1	6	-
20773	40 x 25 x 40	1	6	-
20776	40 x 32 x 32	1	6	-
20779	40 x 32 x 40	1	6	-
20782	50 x 25 x 50	1	4	-
20784	50 x 32 x 50	1	4	-
20786	50 x 40 x 50	1	4	-
20790	63 x 25 x 63	1	2	-
20792	63 x 32 x 63	1	2	-

Press FT Elbow (Plate Type)



Code	Size	Pieces	Big Box	Small Box
21110	16 x 1/2 " x 16	6	48	-
21114	20 x 1/2 " x 20	4	32	-

Press MT Elbow (Plate Type)



Code	Size	Pieces	Big Box	Small Box
21310	16 x 1/2 " x 16	6	48	-
21314	20 x 1/2 " x 20	6	48	-

Press FT 90° Tee (Plate Type)



Code	Size	Pieces	Big Box	Small Box
21510	16 x 1/2 " x 16	15	-	60
21514	20 x 1/2 " x 20	8	64	-

Press FT Reducer Tee 90 (Wall Type)

Code	Size	Pieces	Big Box	Small Box
21512	16 x 1/2 " x 20	8	64	-
21516	20 x 1/2 " x 16	8	64	-



Press FT Elbow (Wall Type)

Code	Size	Pieces	Big Box	Small Box
21610	16 x 1/2 "	20	-	80
21614	20 x 1/2 "	15	-	60
21618	25 x 3/4 "	8	64	-
21622	32 x 1 "	6	48	-



Press FT Tee (Wall Type)

Code	Size	Pieces	Big Box	Small Box
21710	16 x 1/2 " x 16	10	80	-
21714	20 x 1/2 " x 20	6	48	-



Equal Press FT Tee (Wall Type)

Code	Size	Pieces	Big Box	Small Box
21810	16 x 1/2 " x 16	8	-	32



Press End Cap

Code	Size	Pieces	Big Box	Small Box
21910	16	30	240	-
21912	20	20	160	-
21914	25	20	160	-
21916	32	8	64	-
21918	40	6	-	24
21920	50	4	16	-
21922	63	2	16	-



Press MT Union



Code	Size	Pieces	Big Box	Small Box
30210	16 x 1/2 "	30	240	-
30212	20 x 1/2 "	24	192	-
30214	20 x 3/4 "	16	128	-
30216	25 x 1/2 "	15	-	60
30218	25 x 3/4 "	10	80	-
30220	25 x 1 "	10	80	-
30222	32x 1 "	10	-	40
30224	32x 1/4 1 "	6	48	-
30228	40x 1/4 1 "	3	-	12
30232	50x 1/2 1 "	2	8	-
30236	63 x 2 "	1	5	-

Press FT Union



Code	Size	Pieces	Big Box	Small Box
30410	16 x 1/2 "	30	-	120
30412	20 x 1/2 "	26	208	-
30414	20 x 3/4 "	16	128	-
30418	25 x 3/4 "	10	80	-
30420	25 x 1 "	8	64	-
30422	32 x 1 "	8	64	-
30424	32x 1/4 1 "	6	48	-
30428	40x 1/2 1 "	3	-	12
30432	50x 1/2 1 "	2	8	-
30436	63 x 2 "	1	5	-

Press MT Elbow 90



Code	Size	Pieces	Big Box	Small Box
30510	16 x 1/2 "	20	160	-
30514	20 x 3/4 "	14	112	-
30518	25 x 3/4 "	8	64	-
30520	25 x 1 "	8	64	-
30522	32 x 1 "	4	32	-

Press FT Elbow

Code	Size	Pieces	Big Box	Small Box
30610	16 x 1/2 "	20	160	-
30612	20 x 1/2 "	16	128	-
30614	20 x 3/4 "	10	80	-
30618	25 x 3/4 "	8	64	-
30620	25 x 1 "	8	64	-
30621	32 x 3/4 "	8	-	32
30622	32 x 1 "	6	48	-
30626	40x 1/2 1 "	1	6	-
30630	50x 1/2 1 "	1	4	-



Press FT Tee

Code	Size	Pieces	Big Box	Small Box
30760	16 x 1/2 " x 16	10	80	-
30762	20 x 1/2 " x 20	10	80	-
30766	25 x 1/2 " x 25	4	32	-
30768	25 x 3/4 " x 25	4	32	-
30772	32 x 3/4 " x 32	4	32	-
30776	40 x 3/4 " x 40	1	6	-
30780	50 x 1 " x 50	1	4	-



Press FT Union

Code	Size	Pieces	Big Box	Small Box
30810	16 x 1/2 "	20	-	80
30816	20 x 1/2 "	14	-	56
30820	25 x 3/4 "	8	-	32
30824	32 x 1 "	4	32	-
30828	40x 1/4 1 "	3	-	12
30836	50x 1/2 1 "	2	16	-



Press/FT Connection

Code	Size	Pieces	Big Box	Small Box
30850	16 x 1/2 "	36	-	144
30852	20 x 1/2 "	26	-	104
30854	20 x 3/4 "	20	-	80
30856	25 x 3/4 "	12	-	48
30858	25 x 1 "	8	64	-
30860	32 x 1 "	8	64	-
30864	40x 1/4 1 "	6	-	24
30868	50x 1/2 1 "	2	8	-
30870	63 x 2 "	1	5	-





Clamp Socket

Code	Size	Pieces	Big Box	Small Box
70118	40 x 40	3	-	12
70120	50 x 50	2	8	-
70122	63 x 63	1	5	-



Clamp Reducing Socket

Code	Size	Pieces	Big Box	Small Box
70228	50 x 40	2	8	-
70232	63 x 40	1	5	-
70234	63 x 50	1	5	-



90 Clamp Elbow

Code	Size	Pieces	Big Box	Small Box
70518	40 x 40	1	6	-
70520	50 x 50	1	4	-
70522	63 x 63	1	2	-



Clamp Tee

Code	Size	Pieces	Big Box	Small Box
70718	40 x 40 x 40	1	6	-
70720	50 x 50 x 50	1	4	-
70722	63 x 63 x 63	1	2	-



Clamp Reducing Tee

Code	Size	Pieces	Big Box	Small Box
70786	50 x 40 x 50	1	4	-



Clamp End Cap

Code	Size	Pieces	Big Box	Small Box
70918	40	6	-	24
70920	50	4	16	-
70922	63	2	10	-



Clamp

Code	Size	Pieces	Big Box	Small Box
70000	40	8	-	32
70001	50	6	-	24
70002	63	2	-	8

MT Clamp Socket

Code	Size	Pieces	Big Box	Small Box
71228	40 x 1/4 1 "	3	-	12
71232	50 x 1/2 1 "	2	8	-
71236	63 x 2 "	1	5	-



Clamp FT Socket

Code	Size	Pieces	Big Box	Small Box
71428	40 x 1/2 1 "	3	-	12
71432	50 x 1/2 1 "	2	8	-
71436	63 x 2 "	1	5	-



Clamp FT Elbow

Code	Size	Pieces	Big Box	Small Box
71626	40 x 1/2 1 "	1	6	-
71630	50 x 1/2 1 "	1	4	-



Clamp FT Tee

Code	Size	Pieces	Big Box	Small Box
71776	40 x 3/4 "x 40	1	6	-
71780	50 x 1 "x 50	1	4	-



FT Connection with Clamp Union

Code	Size	Pieces	Big Box	Small Box
71828	40 x 1/4 1 "	3	-	12
71836	50 x 1/2 1 "	2	-	8



Clamp Union

Code	Size	Pieces	Big Box	Small Box
71864	40 x 1/4 1 "	4	-	16
71868	50 x 1/2 1 "	2	8	-
71870	63 x 2 "	1	5	-



Clamp - Coupling Reducer Socket

Code	Size	Pieces	Big Box	Small Box
72222	40 x 25	3	-	12
72224	40 x 32	3	-	12
72226	50 x 32	2	8	-



MT Nipple



Code	Size	Pieces	Big Box	Small Box
10110	1/2 "	40	-	160
10112	3/4 "	20	-	80
10114	1 "	16	-	64
10116	1 1/4"	10	-	40
10118	1 1/2"	8	-	32
10120	2 "	2	-	8

Long MT Nipple



Code	Size	Pieces	Big Box	Small Box
10150	1/2 "	50	20	80

MT Reducer Nipple



Code	Size	Pieces	Big Box	Small Box
10210	1/2 " x 3/4 "	30	-	120
10212	1 " x 3/4 "	16	-	64

MT/FT Connector



Code	Size	Pieces	Big Box	Small Box
10310	1/2 "	30	-	120
10312	3/4 "	20	-	80
10314	1 "	8	-	32
10316	" 1/4 1	8	-	32

MT/FT Allen Connector (Hexagonal inside)



Code	Size	Pieces	Big Box	Small Box
10318	1/2 "	10	60	240
10320	1/2 "	15	50	200
10322	1/2 "	25	40	160
10324	1/2 "	30	30	120
10326	1/2 "	40	25	100
10330	1/2 "	50	20	80

MT/FT Reducer



Code	Size	Pieces	Pcs/ Big Box	Pcs/ Small Box
10406	" 1/2 x " 3/4	20	-	80
10410	" 3/4 x " 1	20	-	80

MT/FT Reducer Connector Type A

Code	Size	Pieces	Big Box	Small Box
10407	" 3/4 x " 1/2 (B)	30	-	120
10448	" 1/2 x " 1	18	-	72
10449	" 1 x " 3/4 (B)	18	-	72
10452	" 1 x 1 1/4"	12	-	48
10454	" 3/4 x 1 1/4"	12	-	48
10460	" 1 x 1 1/2"	10	-	40
10462	1 1/4" x 1 1/2"	10	-	40



MT/FT Reducer Connector Type B

Code	Size	Pieces	Big Box	Small Box
10450	1" x 3/4	18	-	72



MT/FT Elbow

Code	Size	Pieces	Big Box	Small Box
10610	1/2 "	20	-	80
10612	3/4 "	10	-	40
10614	1 "	8	-	32



MT/FT Bleeding Elbow

Code	Size	Pieces	Big Box	Small Box
10616	1 " x 1/2 "	15	-	60



Threaded FT Tee

Code	Size	Pieces	Big Box	Small Box
10730	1/2 "	12	-	48



Threaded Union

Code	Size	Pieces	Big Box	Small Box
10802	3/4 " x 3/4 "	28	-	112
10806	1 " x 1 "	15	-	60





Combi-Boiler Bracket (Single)

Code	Size (mm)	Pieces	Pcs/ Box
12310	63	50	200



Combi-Boiler Bracket (Double)

Code	Size (mm)	Pieces	Pcs/ Box
12410	153	50	-
12411	280	45	-
12412	500	15	-



Combi-Boiler Bracket (Double/Curved)

Code	Size (mm)	Pieces	Pcs/ Box
12451	280	40	-



Combi-Boiler Bracket

Code	Size (mm)	Pieces	Pcs/ Box
12452	-	35	-

MT End Cap



Code	Size (mm)	Pieces	Pcs/ Box
12591	4/3 "	30	120
12592	1 "	20	80
12594	2 1/1 "	15	60
12595	2 1/1 "	15	60
12596	2 "	8	32



MT Reducer Metal End Cap

Code	Size (mm)	Pieces	Pcs/ Box
12603	4/ 1 1 " x 4/1 "	15	60
12605	2/ 1 1 " x 2/1 "	15	60



Metal End Cap (Bleed Use)

Code	Size (mm)	Pieces	Pcs/ Box
12600	1 " x M 10	30	120
12602	4/ 1 1 " x M 10	15	60
12604	2/ 1 1 " x M 10	15	60



Manual Bleed Screw

Code	Code	Size (mm)	Pieces	Pcs/ Box
12610	M 10	20	160	-

Manifold

Pieces	Size (mm)	Code
5	(3/4" x 1/2")(2b)	12512
5	(4/3" x3)(" 2/1b)	12513
5	(4/3" x4)(" 2/1b)	12514
5	(3/4" x 1/2")(5b)	12515
5	(1" x 1/2")(2b)	12522
5	(1" x 1/2")(3b)	12523
5	(1" x 1/2")(4b)	12524
5	(1" x 1/2")(5b)	12525
5	(1" x 1/2")(6b)	12526
5	(1" x 1/2")(7b)	12527
5	(1" x 1/2")(8b)	12528
5	(1" x 1/2")(9b)	12529
5	(1" x 1/2")(10b)	12530
5	(1" x 1/2")(11b)	12531
5	(1" x 1/2")(12b)	12532
5	(1" x 3/4")(3b)	12533
5	(1" x 3/4")(4b)	12534
5	(1" x 3/4")(5b)	12535
5	(1" x 3/4")(6b)	12536
4	(1 1/4" x 1/2")(3b)	12543
4	(1 1/4" x 1/2")(4b)	12544
4	(1 1/4" x 1/2")(5b)	12545
4	(1 1/4" x 1/2")(6b)	12546
4	(1 1/4" x 1/2")(7b)	12547
4	(1 1/4" x 1/2")(8b)	12548
4	(1 1/4" x 1/2")(9b)	12549
4	(1 1/4" x 1/2")(10b)	12550
4	(1 1/4" x 1/2")(11b)	12551
4	(1 1/4" x 1/2")(12b)	12552
4	(1 1/4" x 3/4")(3b)	12553
4	(1 1/4" x 3/4")(4b)	12554
4	(1 1/4" x 3/4")(5b)	12555
4	(1 1/4" x 3/4")(6b)	12556
4	(1 1/2" x 1/2")(3b)	12563
4	(1 1/2" x 1/2")(4b)	12564
4	(1 1/2" x 1/2")(5b)	12565
4	(1 1/2" x 1/2")(6b)	12566
4	(1 1/2" x 1/2")(7b)	12567
4	(1 1/2" x 1/2")(8b)	12568
4	(1 1/2" x 1/2")(9b)	12569
4	(1 1/2" x 1/2")(10b)	12570
4	(1 1/2" x 1/2")(11b)	12571
4	(1 1/2" x 1/2")(12b)	12572
4	(1 1/2" x 3/4")(3b)	12573
4	(1 1/2" x 3/4")(4b)	12574
4	(1 1/2" x 3/4")(5b)	12575
4	(1 1/2" x 3/4")(6b)	12576
4	(1 1/2" x 3/4")(7b)	12577
4	(1 1/2" x 3/4")(8b)	12578
4	(1 1/2" x 3/4")(9b)	12579



Chromize-plated Manifold

Code	Size (mm)	Pieces
19512	(3/4" x 1/2")(2b)	5
19513	(3/4" x 1/2")(3b)	5
19514	(3/4" x 1/2")(4b)	5
19515	(3/4" x 1/2")(5b)	5
19522	(1" x 1/2")(2b)	5
19523	(1" x 1/2")(3b)	5
19524	(1" x 1/2")(4b)	5
19525	(1" x 1/2")(5b)	5
19526	(1" x 1/2")(6b)	5
19527	(1" x 1/2")(7b)	5
19528	(1" x 1/2")(8b)	5
19529	(1" x 1/2")(9b)	5
19530	(1" x 1/2")(10b)	5
19531	(1" x 1/2")(11b)	5
19532	(1" x 1/2")(12b)	5
19533	(1" x 3/4")(3b)	5
19534	(1" x 3/4")(4b)	5
19535	(1" x 3/4")(5b)	5
19536	(1" x 3/4")(6b)	5
19543	(1 1/4" x 1/2")(3b)	4
19544	(1 1/4" x 1/2")(4b)	4
19545	(1 1/4" x 1/2")(5b)	4
19546	(1 1/4" x 1/2")(6b)	4
19547	(1 1/4" x 1/2")(7b)	4
19548	(1 1/4" x 1/2")(8b)	4
19549	(1 1/4" x 1/2")(9b)	4
19550	(1 1/4" x 1/2")(10b)	4
19551	(1 1/4" x 1/2")(11b)	4
19552	(1 1/4" x 1/2")(12b)	4
19553	(1 1/4" x 3/4")(3b)	4
19554	(1 1/4" x 3/4")(4b)	4
19555	(1 1/4" x 3/4")(5b)	4
19556	(1 1/4" x 3/4")(6b)	4
19563	(1 1/2" x 1/2")(3b)	4
19564	(1 1/2" x 1/2")(4b)	4
19565	(1 1/2" x 1/2")(5b)	4
19566	(1 1/2" x 1/2")(6b)	4
19567	(1 1/2" x 1/2")(7b)	4
19568	(1 1/2" x 1/2")(8b)	4
19569	(1 1/2" x 1/2")(9b)	4
19570	(1 1/2" x 1/2")(10b)	4
19571	(1 1/2" x 1/2")(11b)	4
19572	(1 1/2" x 1/2")(12b)	4
19573	(1 1/2" x 3/4")(3b)	4
19574	(1 1/2" x 3/4")(4b)	4
19575	(1 1/2" x 3/4")(5b)	4
19576	(1 1/2" x 3/4")(6b)	4
19577	(1 1/2" x 3/4")(7b)	4
19578	(1 1/2" x 3/4")(8b)	4
19579	(1 1/2" x 3/4")(9b)	4



Manifold

Code	Size (mm)	Pieces
13523	(2" x 3/4")(3b)	3
13524	(2" x 3/4")(4b)	3
13525	(2" x 3/4")(5b)	3



Coupling Manifold With Valve (Blue & Red Faucet Handle)

Code	Size (mm)	Pieces
13222	(1" x 16)(2b)	4
13223	(1" x 16)(3b)	4
13224	(1" x 16)(4b)	2
13225	(1" x 16)(5b)	2
13226	(1" x 16)(6b)	2
13227	(1" x 16)(7b)	2
13228	(1" x 16)(8b)	2
13229	(1" x 9)(16b)	2
13230	(1" x 10)(16b)	2



Threaded Manifold With Valve (Blue & Red Faucet Handle)

Code	Size (mm)	Pieces
13322	(1" x 1/2 ")(2b)	4
13323	(1" x 1/2 ")(3b)	4
13324	(1" x 1/2 ")(4b)	2
13325	(1" x 1/2 ")(5b)	2
13326	(1" x 1/2 ")(6b)	2
13327	(1" x 1/2 ")(7b)	2
13328	(1" x 1/2 ")(8b)	2
13329	(1" x 1/2 ")(9b)	2
13330	(1" x 1/2 ")(10b)	2





Press Inlet/ Outlet Heating Manifold with Flow Meter

Code	Size (mm)	Pieces
13423	(1 " x 3)(16b)	1
13424	(1 " x 4)(16b)	1
13425	(1 " x 5)(16b)	1
13426	(1 " x 6)(16b)	1
13427	(1 " x 7)(16b)	1
13428	(1 " x 8)(16b)	1



Coupling Inlet/ Outlet Heating Manifold with Flow Meter

Code	Size (mm)	Pieces
13443	(1 " x 3)(16b)	1
13444	(1 " x 4)(16b)	1
13445	(1 " x 5)(16b)	1
13446	(1 " x 6)(16b)	1
13447	(1 " x 7)(16b)	1
13448	(1 " x 8)(16b)	1



Press Inlet/ Outlet Thermostatic Manifold with Flow Meter

Code	Size (mm)	Pieces
13463	(1 " x 3)(16b)	1
13464	(1 " x 4)(16b)	1
13465	(1 " x 5)(16b)	1
13466	(1 " x 6)(16b)	1
13467	(1 " x 7)(16b)	1
13468	(1 " x 8)(16b)	1



Coupling Inlet/ Outlet Thermostatic Manifold with Flow Meter

Code	Size (mm)	Pieces
13483	(1 " x 3)(16b)	1
13484	(1 " x 4)(16b)	1
13485	(1 " x 5)(16b)	1
13486	(1 " x 6)(16b)	1
13487	(1 " x 7)(16b)	1
13488	(1 " x 8)(16b)	1

Manifold Box (with Stand & Bracket)

Code	Size (mm)	Pieces	Description
15008	45 x 35	1	
15010	45 x 45	1	
15011	45 x 55	1	
15012	45 x 65	1	
15024	45 x 75	1	
15025	45 x 85	1	
15014	45 x 95	1	
15023	45 x 125	1	
15015	50 x 65	1	For underfloor heating
15020	50 x 80	1	For underfloor heating



Manifold Polymer Box with Stand & Bracket (NEW BOX)

Description	Pieces	Size (mm)	Code
Polymer design	1	35 x 45	16035
Polymer design	1	45 x 45	16045
Polymer design	1	65 x 45	16065
Polymer design	1	75 x 45	16075
Polymer design	1	95 x 45	16095



Manifold Bracket

Code	Size	Pieces	Pcs/ Box
15111	3/4"	60	240
15113	1"	50	200
15115	1 1/4"	30	120
15128	1 1/2"	30	120



Manifold Stand

Code	Pieces	Pieces	Pcs/ Box
15050	1 1/4" & 1" & 3/4"	-	15



Chromize-plated Manifold Stand

Code	Pieces	Pieces	Pcs/ Box
15052	1"	-	-





Electric Valve Actuator

Code	Specifications
30259	220 volts



Room Thermostat

Code	Specifications
65726	Single Season/ Mechanical CWT- 220 Volts

* FOR UNDERFLOOR HEATING



Touch Screen Room Thermostat

Code	Specifications
20010	Single Season/ Mechanical CWT- 220 Volts

* FOR UNDERFLOOR HEATING



Press Polymer Ring Holder

Code	Size (mm)	Pieces
30123	16	100
30124	20	80
30125	25	50
30126	32	40
30118	40	20
30120	50	10
30122	63	6



Press Steel Ring

Code	Size (mm)	Pieces	Pcs/ Big Box
40110	16	100	800
40112	20	80	640
40114	25	30	240
40116	32	24	192
40118	40	10	80
40120	50	6	48
40122	63	2	16



Manifold Valve Core

Code	Description
35150	-

O-Ring

Code	Size (mm)	Pieces
402105	16	100
402125	20	100
402145	25	100
402165	32	50
402185	40	50
402205	50	50
402225	63	50



EPDM Washer

Code	Size (mm)	Pieces
40020	1/2"	50
40022	3/4"	50
40024	1"	30
40026	1 1/4"	20
40028	1 1/2"	20
40030	2"	10



Coupling Fitting Nut

Code	Size (mm)	Pieces
501081	16	50
501101	20	40
501141	25	30
501181	32	20



Grooved Coupling Ring

Code	Size (mm)	Pieces
501083	16	100
501103	20	80
501143	25	50
501183	32	40



Ice Preventer Liquid

Code	Description
18012	20

